

Image may be representation.
See specifications for product details.



PIC12LF1501-E/SN

Manufacturer Part Number **PIC12LF1501-E/SN**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-PIC12LF1501-E/SN**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC MCU 8BIT 1.75KB FLASH 8SOIC**

Package **8-SOIC (0.154", 3.90mm Width)**

Data sheet **[Configurable Logic Cell Tip N Tricks.pdf](#)**

[PIC12\(L\)F1501, PIC16\(L\)F150x Brief.pdf](#)

[PIC12\(L\)F1501.pdf](#)

RoHs Status **ROHS3 Compliant**

Get a Quote

PIC12LF1501-E/SN - Microchip Technology. New Original in Stock. Download Linear Technology PIC12LF1501-E/SN datasheet/specifications on AllelcoElec.com.
Request a quote for PIC12LF1501-E/SN, please send us email: info@allelco.com

Specifications

PIC12LF1501-E/SN Tech Specifications

PIC12LF1501-E/SN - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	1.8V ~ 3.6V	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package	8-SOIC	Number of I/O	5
Speed	20MHz	Mounting Type	Surface Mount
Series	PIC® 12F	EEPROM Size	-
RAM Size	64 x 8	Data Converters	A/D 4x10b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	1.75KB (1K x 14)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Connectivity	-
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	PIC12LF1501
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC12LF1501-E/SN

Product Attribute				
Part Number	PIC12LF1501-E/SN	PIC12LCE673-04I/P	PIC12LF1501-I/MC	PIC12LCE674-04I/P
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Package	Tube	Tube	Tube	Tube
Core Processor	PIC	PIC	PIC	PIC
Number of I/O	5	5	5	5
Connectivity	-	-	-	-
Voltage - Supply (Vcc/Vdd)	1.8V ~ 3.6V	2.5V ~ 5.5V	1.8V ~ 3.6V	2.5V ~ 5.5V
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Base Product Number	PIC12LF1501	PIC12LCE673	PIC12LF1501	PIC12LCE674
Oscillator Type	Internal	Internal	Internal	Internal
RAM Size	64 x 8	128 x 8	64 x 8	128 x 8
Mounting Type	Surface Mount	Through Hole	Surface Mount	Through Hole
Series	PIC® 12F	PIC® 12C	PIC® 12F	PIC® 12C
Supplier Device Package	8-SOIC	8-PDIP	8-DFN (2x3)	8-PDIP
Program Memory Type	FLASH	OTP	FLASH	OTP
Program Memory Size	1.75KB (1K x 14)	1.75KB (1K x 14)	1.75KB (1K x 14)	3.5KB (2K x 14)
Speed	20MHz	4MHz	20MHz	4MHz
EEPROM Size	-	16 x 8	-	16 x 8
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-DIP (0.300", 7.62mm)	8-VDFN Exposed Pad	8-DIP (0.300", 7.62mm)
Data Converters	A/D 4x10b	A/D 4x8b	A/D 4x10b	A/D 4x8b
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	POR, WDT	Brown-out Detect/Reset, POR, PWM, WDT	POR, WDT

PIC12LF1501-E/SN Datasheet PDF

Download PIC12LF1501-E/SN pdf datasheets and Microchip Technology documentation for PIC12LF1501-E/SN - Microchip Technology.

Datasheets

[Configurable Logic Cell Tip N Tricks.pdf](#)

[PIC12\(L\)F1501, PIC16\(L\)F150x Brief.pdf](#)

[PIC12\(L\)F1501.pdf](#)

PCN Packaging

PCN Assembly/Origin

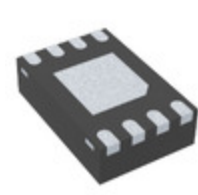
Manufacturing Change 07/Apr/2022.pdf

Customers Also Interested in

Recommended Products



PIC12LCE673-04I/P
Microchip Technology
IC MCU 8BIT 1.75KB OTP 8DIP



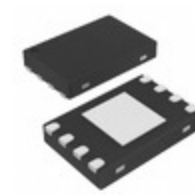
PIC12LF1501-I/MC
Microchip Technology
IC MCU 8BIT 1.75KB FLASH 8DFN



PIC12LCE674-04I/P
Microchip Technology
IC MCU 8BIT 3.5KB OTP 8DIP



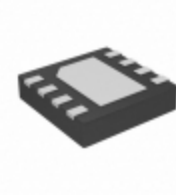
PIC12LCE519-04I/P
Microchip Technology
IC MCU 8BIT 1.5KB OTP 8DIP



PIC12LF1552T-I/MU
Microchip Technology
IC MCU 8BIT 3.5KB FLASH 8UDFN



PIC12LC509AT-04I/SM050
Micrel / Microchip Technology



PIC12LF1501-E/MF
Microchip Technology
IC MCU 8BIT 1.75KB FLASH 8DFN



PIC12LC671-04/SM
Microchip Technology
IC MCU 8BIT 1.75KB OTP 8SOIJ



PIC12LF1501-I/SN
Microchip Technology
IC MCU 8BIT 1.75KB FLASH 8SOIC



PIC12LF1552-I/MS
Microchip Technology
IC MCU 8BIT 3.5KB FLASH 8MSOP



PIC12LC671-04I/SM
Microchip Technology
IC MCU 8BIT 1.75KB OTP 8SOIJ



PIC12LC672-04/SM
Microchip Technology
IC MCU 8BIT 3.5KB OTP 8SOIJ



PIC12LF1552T-E/MS
MICROCHIP



PIC12LF1552-I/SN
Microchip Technology
IC MCU 8BIT 3.5KB FLASH 8SOIC



PIC12LF1552-E/MS
Microchip Technology
IC MCU 8BIT 3.5KB FLASH 8MSOP



PIC12LF1552-E/SN
Microchip Technology
IC MCU 8BIT 3.5KB FLASH 8SOIC



PIC12LC671T-04/SM025
Micrel / Microchip Technology



PIC12LCE518-04/P
Microchip Technology
IC MCU 8BIT 768B OTP 8DIP

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
 - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -

- Efficient Supply Management
- Cost-Saving Procurement
- Fast Sourcing & Delivery

Contact us if you have any questions.

- Phone: +00852 9146 4856
- Email: info@allelco.com

Certifications & Memberships



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Contact us

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